

ABSTRACT

Non-woven materials from polyolefin-based fibres which have bulk and resilience
5 comparable to polyester fibres are described herein, thus expanding the utility of polyolefin
fibres and nonwovens to a plethora of industrial applications which previously excluded
products based on polyolefin fibres due to their hitherto inadequate bulk or resilience.
Control of polyolefin fibre characteristics such as the fibre/fibre friction, fibre crystallinity,
draw ratio, or selection of the spin finish so as to comprise essentially of an aqueous
10 emulsion of polysiloxanes render them suitable for preparing bulky and resilient
nonwovens.